

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Withers et al.  
Serial No.: to be assigned  
Filed : herewith  
For : Methods and Compositions for the Synthesis of Oligosaccharides  
Using Mutant Glycosidase Enzymes

PRELIMINARY AMENDMENT

Asst. Commissioner for Patents  
Washington, D.C. 20231

Sir:

Preliminary to the examination of the application filed herewith, please make the following amendments:

In the specification:

On Page 1, before the heading "Background of the Invention" insert the following:

This application is a continuation of US Patent Application Serial No. 09/091,272, filed September 29, 1998, which is a US National Phase, filed under 35 USC § 371, of PCT/CA96/00841 filed December 12, 1996, which is a continuation in part of US Patent Application Serial No. 08/571,175, filed December 12, 1995, now US Patent No. 5,716,812.

In the claims:

Please make the following amendments to the claims, as amended during International Preliminary Examination, and as attached to the International Preliminary

Examination Report, a copy of which is filed herewith:

Please cancel claims 9 and 10.

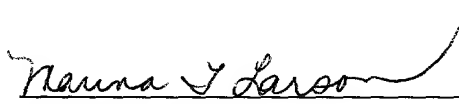
Please add claim 33 as follows:

33. (new) The method of claim 1, wherein the glycosidase enzyme is selected from the group consisting of  $\beta$ -Glucosidases,  $\beta$ -galactosidases,  $\beta$ -mannosidases,  $\beta$ -N-acetyl glucosaminidases,  $\beta$ -N-acetyl galactosaminidases,  $\beta$ -xylosidases,  $\beta$ -fucosidases, cellulases, xylanases, galactanases, mannanases, hemicellulases, amylases, glucoamylases,  $\alpha$ -glucosidases,  $\alpha$ -galactosidases,  $\alpha$ -mannosidases,  $\alpha$ -N-acetyl glucosaminidases,  $\alpha$ -N-acetyl galactosaminidases,  $\alpha$ -xylosidases,  $\alpha$ -fucosidases, and neuraminidases/sialidases.

REMARKS

This amendment is filed to delete claims identical in scope to those being pursued in US Patent Application Serial No. 09/091,272, and to supply a reference to prior applications. No new matter has been added.

Respectfully submitted,

  
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